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No. 50] NEW DELHI, SATURDAY, DECEMBER 14, 1985 (AGRAHAYANA 23, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिसें
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Calcutta, the 14th December 1985

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Calcutta-700 020

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214 ACHARYA JAGADISH BOSE ROAD, CALCUTTA 17

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act

The 7th November 1985

795/Cal/85 Snamprogetti S.p.A. A process for removing acidic gases from natural gases and from synthetic gases

[Divisional date 21st July 1982]

796/Cal/85 Hoesch Aktiengesellschaft Under floor wheel set barring machine for retreading of rim circumferences of railroad wheel sets

797/Cal/85 (1) Blagoveschensky Gosudarstvenny Meditsinsky Institut, (2) Vsesojuzny Nauchno-Issledovatel'skiy I Ispytatelny Institut Meditsinskoi Tekhniki Aortic Cannula

798/Cal/85 Fiziko Mekhanichesky Institut Imeni G V Karpenko Akademii Nauk Ukrainskoi SSR Method of producing multicomponent diffusion coatings on metal articles and apparatus for performing same

799/Cal/85 Dr Wolfgang Knogler AND Ewald Pickhard Intravaginal device, method of positioning and handling device therefor

The 8th November, 1985

800/Cal/85 Blagoveschensky Gosudarstvenny Meditsinsky Institut And Vsesojuzny Nauchno-Issledovatel'skiy I Ispytatelny Institut Meditsinskoi Tekhniki Surgical wound retractor

801/Cal/85 Blagoveschensky Gosudarstvenny Meditsinsky Institut And Vsesojuzny Nauchno-Issledovatel'skiy I Ispytatelny Institut Meditsinskoi Tekhniki Ligature holder

802/Cal/85 Mornex Limited Process for the treatment and purification of water by the flocculation of suspended particles in a fluidized bed

803 Cal/85 Kia Motors corporation Automatic control circuit for brake control devices

804/Cal/85 Peter Stubbe Horseshoe

The 11th November 1985

805/Cal/85 F I Du Pont De Nemours and Company Dimethylamine Synthesis Catalyst

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD MADRAS-600 002

The 28th October 1985

855/Mas/85 Antibioticos S.A. Preparation of clavulanic acid and its salts and esters

856/Mas/85 International Business Machines Corporation Magnetically detented actuator and keyboard apparatus

857/Mas/85 International Business Machines Corporation Spindle shafts and methods of attaching same to bearing assemblies,

858/Mas/85 International Business Machines Corporation plural processor systems having shared resources

859/Mas 85 International Business Machines Corporation Methods of controlling image scanners

860/Mas/85 DRG (UK) Limited Printing roll with detachable sleeve (October 29, 1984 United Kingdom)

29th October 1985

861 Mas 85 Shell Internationale Research Maatschappij B.V. Reactor and process for producing a synthesis gas

862/Mas/85 Air Products and Chemicals, Inc Binary ion exchanged type X Zeolite adsorbent

863/Mas 85 Thorvald G Granrød Lightweight retractable track-wheel for agricultural tractors and the like

864/Mas/85 Framatome & Cie Process and device for compressing by hammering a tube of a steam generator set in a tube plate

865/Mas/85 Preformed Line Products Company Safety clamp assembly especially to hold a power cable to an insulator

866/Mas/85 Prayon Development Societe anonyme Continuous process for preparing phosphoric acid and calcium sulphate

867/Mas 85 Sismo International Improvements in prefabricated modules and the use thereof in the building industry

30th October 1985

868/Mas/85 Maschinenfabrik Riter AG Robbin Loading Apparatus (January 3 1985, Great Britain)

869/Mas/85 BL Technology Limited & Alcan International Limited A method of fabricating structures from aluminium sheet and structures comprising aluminium components (November 5, 1985, United Kingdom)

31st October 1985

870/Mas/85 Southern Petrochemical Industries Corporation Ltd A Bioprocess for the purification of urea and ammonia bearing effluent

871/Mas/85 Akzo N.V. Process for the preparation of dense soda ash

872/Mas/85 Henkel Kommanditgesellschaft auf Aktien A process for the production of waterproof leather or skins

1st November 1985

873/Mas/85 Indian Institute of Technology An improved two stroke spare ignition engine

874/Mas/85 R Khabchand Prasmal Jain A container

875/Mas 85 Raychem Corporation Monitoring system for use with elongate heater units

876/Mas/85 Van Rompay Boud Scraper for removing growths on flat or arched surfaces

877/Mas/85 Hoechst Aktiengesellschaft A bacteriolytic enzyme product from stromyomycetes a process for its preparation and a strain suitable for this purpose

878/Mas/85 W L Gore & Associates, Inc Dielectric materials having low dielectric constants and methods for their manufacture

COMPLETE SPECIFICATION ACCEPTED

CLASS : 155-D.

156937

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CLASS : 47-C.

156936

Int. Cl. C 10 b 21/06, 21/16.

HEATING SYSTEM FOR THE REGENERATIVE HEATING OF A COKE OVEN BATTERY HAVING TWIN HEATING FLUES.

Applicant : DR. C. OTTO & COMP. GmbH., OF CHRISTSTRASSE 9, 4630 BOCHUM, WEST GERMANY.

Inventors : 1. DR. CARL-HEINZ STRUCK, 2. HEINZ THUBEAUVILLE.

Application No. 1489/Cal/83 filed December 24, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A heating system for the regenerative heating of a coke oven battery having twin heating flues extending transversely of battery length, the halves of each flue being separated from one another by a midfeather, a space being left at the top thereof, and a midfeather extending right up to the oven crown is disposed between any two twin flues, the regenerators which extend below the oven sole transversely of the battery communicating by way of passages with the heating flues and extending thereinto at different heights, two regenerators being associated with each twin flue, characterised in that three passages extend from each regenerator (a, b, c, d), a first passage (8) extending to the bottom part of one half (3, 4) of one twin heating flue, a second passage (9) extending to the bottom part of the adjacent half (3, 4) of the adjacent flue, the same being separated by a midfeather (5) which extends right up to the oven crown, a third passage (10) of the two regenerators rising in the last-mentioned midfeather (5) and so branching as to extend into the adjacent halves (3, 4) of adjacent twin flues above the oven sole.

Compl. Specn. 9 pages.

Drgs. 2 sheets.

Int. Cl. B 32 b 27/42; D 21 h 1/04.

METHOD OF PRODUCING HEAT AND PRESSURE CONSOLIDATED LAMINATES.

Applicant : FORMICA CORPORATION OF ONE CYANAMID PLAZA, WAYNE, STATE OF NEW JERSEY, UNITED STATES OF AMERICA.

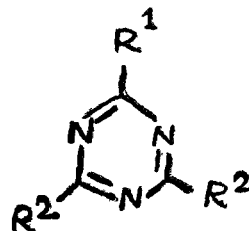
Inventors : 1. RONALD JAMES KEELING, 2. JIN YOUNG K. ROE, 3. HENRY CARL MOLLMANN.

Application No. 1336/Cal/82 filed November 16, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method of producing a heat and pressure consolidated laminate which comprises forming a laminate assembly of, in superimposed relationship, a plurality of resin impregnated paper sheets, a resin impregnated decor sheet and, optionally, a resin impregnated overlay sheet, wherein the resin in at least one of said sheets is a formaldehyde-based resin and contains a hydroxy-alkyl melamine having the formula I of the accompanying drawings



Formula 1

wherein R' is a C₁-C₈ linear or branched chain alkyl or C₆C₁₀aryl, or R₂ and R₂ is NH₂ NH(CH₂)_x, 1NH(CH₂)

xOH or -NH-CH₂CH (OH)-CH₃, wherein x is 3-8, inclusive, and at least one R² is a hydroxyalkyl amine group, and heat and pressure consolidating said assembly.

Compl. Specn. 17 pages.

Drgs. 1 sheet.

CLASS : 65 A₂ + 126 A.

156938

Int. Cl. : H 04 r 23/00.

A DEVICE FOR MEASURING THE FREQUENCY OF AN INPUT VOLTAGE.

Applicants : HINDUSTAN BROWN BOVERI, LTD., BROWN BOVERI HOUSE, 264-265, DR. ANNIE BESANT ROAD, BOMBAY-400 025, INDIA.

Inventors : DR. MYLAVARAPU RAMAMOORTHY AND SHRIPAD VASUDEO TAMBE.

Application No. 222/Bom/1982 filed Sep. 1, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims

A device for measuring the frequency of an input voltage, said device comprising a saturable core type transformer having at least one resistance in series with the primary winding thereof; the primary winding of the said transformer being connectable to the said input voltage and the secondary

winding of the said transformer being connected to an averaging type dc ammeter (moving coil dc ammeter) through a full wave bridge rectifier, said ammeter having at least one resistance in series therewith, and the scale of said ammeter being calibrated in terms of frequency.

Compl. Specn. 7 pages.

Drgs. 3 sheets.

CLASS : 188.

156939

Int. Cl. : C 23 c-1/00.

METHOD AND APPARATUS FOR WIPING THE EXCESS COATING MATERIAL FROM HOT DIPPED METAL COATED SUBSTRATES.

Applicants & Inventor : VIJAY YESHWANT MOGHE, 86, LATIF, BUILDING, DR. AMBEDKAR ROAD, DADAR, BOMBAY-400 014, INDIA.

Application No. 258/Bom/1982 filed on Spt. 27, 1982.

Comp. after Prov. left Dec. 24, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims

A method for wiping the excess coating material from hot dipped metal coated substrates such as wires, strips, sheets and the like emerging out of a molten metal bath in a continuous process interalia comprising the steps of :

Subjecting the emerging metal coated substrate in a flexible (non-rigid) medium like any fluid or vacuum, to a periodically varying magnetic field having its components parallel to the longitudinal axis of the coated substrate the said components initially increasing in magnitude with respect to the distance from the said molten metal bath so that periodically varying induced electric currents exist within the coating and consequently, forces of electromagnetic interaction create a thrust upon the molten metal coating initially acting towards the said bath.

An apparatus for wiping the excess coating material from hot dipped metal coated substrates such as wires, strips, sheets and the like emerging out of a molten metal bath in a continuous process interalia consisting of a bath of molten metal or alloy and a known apparatus for moving the substrates through the said bath in an onward direction at required speeds characterised in that there are provided conductors forming a loop around the emerging metal coated substrate/s and an external electrical supply circuit consisting of a known electric power source and devices like diodes, thyristors, power transistors, resistors, capacitors, inductors, transformers, valves and the like or any combination thereof connected across the said loop of conductors to pass and maintain periodically varying electric current in the said conductors.

Compl. Specn. 30 pages.

Drgs. 3 sheets.

Prov. Specn. 17 pages.

Drgs. 2 sheets.

IND. Cl. 172 D₃.

156940

Int. Cl. D 01h -13/00.

Title : AN IMPROVED YARN BRAKE.

Applicant : W. SCHLAFHORST & CO., A LIMITED PARTNERSHIP REGISTERED UNDER THE LAWS OF FEDERAL REPUBLIC OF GERMANY, OF BLUMENBERGER STRASSE, 143/145, 4050, MONCHENGLADBACH, FEDERAL REPUBLIC OF GERMANY.

Inventors : WILHELM KUPPER.

Application No. 263/Bom/82 filed on Oct. 5, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims

An improved yarn brake having at least one pair of brake cups and at least one rope friction member, characterized in that the yarn brake has a hollow, box-shaped supporting member (11) made of synthetic material, having at least two similar mounting sections (49 and 54) prepared by cut-outs and/or projections to accommodate a metal holder (50), the holder (50) is releasably fixed to the supporting member (11) at one of the mounting sections (49 or 54) and the mounting sections (49 and 54) are so arranged as to enable the position of the supporting member (11) to be changed in a horizontal plane.

Compl. Specn. 12 pages.

Drgs. 3 sheets.

CLASS : 63B.

156941

Int. Cl. : H02k — 37/00.

Title : IMPROVED EXTERNAL ROTOR ASSEMBLY FOR A MAGNETO OR LIKE APPARATUS.

Applicant : JAYA-HIND INDUSTRIES LIMITED, AKURDI, PUNE-411 038, MAHARASHTRA, INDIA.

Inventor : JANDHYALA SUBRAMAYAM.

Application No. 339/Bom/1982 filed Dec. 20, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims

Improved external rotor assembly for a magneto, comprising an even number of ferrite magnets (with or without their respective pole-shoes, as the case may be) secured to a circular ferrous yoke by means, such as a screw or a retainer ring, a non-ferrous housing being cast inseparably from said yoke and said secured magnets with pole shoes (if any), said housing being adapted to be mounted on the crank-shaft of an engine, said retainer ring being continuous and having as many arcuate portions as the number of ferrite magnets, each arcuate portion having curved ends, adjacent curved ends having between them a raised portion which is adapted to be machined off.

Compl. Specn. 7 pages.

Drgs. 3 sheets.

CLASS : 108 C₁.

156942

Int. Cl. : C 21 C-1/00.

A METHOD OF REFINING A PIG IRON MELT TO STEEL.

Applicants : ARBED SOCIETE ANONYME, OF AVENUE DE LA LIBERTE, L-2930, LUXEMBOURG.

Inventors : (1) FRANCOIS SCHLEIMER (2) FERDINAND GOEDERT. (3) ROMAIN HENRION & (4) FERDINAND THILL.

Application No. 58/Bom/1983 filed Feb. 22, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims

A method of refining a pig iron melt to steel which comprises top-blowing said melt with oxygen while introducing an inert gas into the bottom of said melt and incorporating a cold solid charge into the melt, the improvement which comprises minimizing slag formation on said metal by adding slab-forming lime to said melt only in proportion to the build-up of slag components therein by the refining operation and over the duration of such build-up, thereby increasing the scrap charge-receiving capacity of the melt.

Compl. Specn. 9 pages.

Drgs. Nil.

IND. CLASS : 61 G + K.

156943

Int. Cl. : F 26 b—13/00.

APPARATUS FOR DRYING FABRIC AND OTHER SHEET MATERIAL.

Applicant : HARISH TEXTILE ENGINEERING PRIVATE LIMITED, 19, PARSI PANCHAYAT ROAD, ANDHERI EAST, BOMBAY-400 069, INDIA.

Inventor : KIRTIKUMAR SHANTILAL GANDHI.

Application No. 59/Bom/1983 filed on Feb. 23, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

An apparatus for drying a fabric caused to travel through a passage in the apparatus, which apparatus comprises a series of nozzle boxes, spaced from each other and disposed above the fabric and below the fabric, each said series including one or more nozzle boxes, the wall of each nozzle box facing the fabric having one or more openings for the passage of heating medium such as hot air impinging on the fabric, a slot or opening on the opposite wall of each nozzle box connected to the source of the heating medium, and a plate on each of the opposite walls of the nozzle boxes having at least one opening registering with the slot or opening in the opposite wall of each nozzle box and through which the heating medium is passed into the nozzle boxes, the nozzle boxes being slidably mounted in guides provided on the underside of the plate so that the required number of nozzle boxes can be fitted to the said plate depending on the width of the fabric.

Compl. Specn. 14 pages.

Drgs. 2 sheets.

IND. CLASS : 33 A + D.

156944

Int. Cl. : B 22 d—27/08.

IMPROVEMENTS IN OR RELATED TO THE PROCESS OF CASTING A MATERIAL SHAPE SUCH AS A CAST ALUMINIUM BRACKET.

Applicant & Inventor : MADHAV ANANT UNDE, C/O. SHRI GAJANAN ANANT UNDE, POST : KURAWALI, TALUKA INDAPUR, DISTRICT PUNE, MAHARASHTRA, INDIA.

Application No. 77/Bom/1983 filed on March 10, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims

A process for reduction of porosity and residual stress in specific areas of the cast object comprising the steps of :

- (a) attaching to the mold system a means like vibrators for applying stress cycles to the solidifying metal in the said area and direction of known defects.
- (b) applying the stress cycles of the order of 76 to 250 cycles per second and the displacement of the order of 1.4×10^{-3} inch to the area and direction of known defects of the metal throughout the solidification range of metal substantially.

Compl. Specn. 11 pages.

Drgs. 3 sheets.

IND. CLASS : 58 B.

156945

Int. Cl. : E 05 b—1/00.

A DEVICE ADAPTED TO MOUNT INTO A WALL OPENING A METAL JAMB OR FRAME, MORE PARTICULARLY A DOOR JAMB HAVING A SUBSTANTIALLY U-SHAPED CROSS SECTION.

Applicants : N. V. NEDERLANDSE METAALINDUSTRIE POLYNORM, A NETHERLAND COMPANY OF 9AMERSFOORTSEWEG; 3751 LJ BUNSCHOTEN, THE NETHERLANDS.

Inventor : GUISBERTUS LEENDERTVAN WIERINGEN.

Application No. 122/Bom/83 filed on April 6, 1983.

Convention priority date of Great Britain Feb. 25, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

A device adapted to mount into a wall opening a metal jamb or frame, more particularly a door jamb, having a substantially U-shaped cross section comprising a fixing plate to be mounted against the reveal of the wall opening, an adjustable bracket connected to the fixing plate in a slideable and fixable relation, wherein the fixing plate is formed by an oblong strip shaped plate extending over almost the entire width of the reveal, and at each end having relatively short side flange projecting from the wall, each side flange having a hole, the adjustable bracket having a U-shape with two legs embracing the wall in the mounted position and being provided with slot shaped openings for adjustably mounting the bracket to the side flanges of the fixing plate, the legs of the said bracket being provided with receiving members for receiving the frame to be mounted.

Compl. Specn. 7 pages.

Drg. 1 sheet.

CLASS : 69B.

156946

Int. Cl. : H 03 k—17/00.

DISTANCE RELAY.

Applicants : MITUBISHI DENKI KABUSHIKI KAISHA, 2-3, MARUNOUCHI 2 CHOME, CHIYODA-KU, TOKYO 100, JAPAN.

Inventors : (1) YASUAKI MIYAKE & (2) KEIJI ISAHAYA.

Application No. 127/Bom/1983 filed on April 12, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

A protective type distance relay to detect the fault in a power system using inhibiting circuits comprising

a first transformer means with a predetermined impedance, which introduces a current signal from a portion to be protected in the power system, and which derives a first voltage signal consisting of the product of said impedance and said current signal;

arithmetic means which adds a second voltage signal derived from a second transformer means and said first voltage signal for deriving a third voltage signal;

memory means which holds said second voltage signal; and

decisions means which generates a protective signal for initiating the protective operation of the system when a phase difference between the output from said memory means and said third voltage signal is greater than a predetermined value and lasts for more than a first predetermined period of time characterised by :

detector means (12) which generates an inhibit signal when said third voltage signal maintains the same polarity for more than a second predetermined period time; and

gate means (10) which disables the input of said decision means when said inhibit signal is enabled.

Compl. Specn. 12 pages.

Drgs. 4 sheets.

CLASS 121

156947

Int. Cl. C09k—1/00

A PROCESS FOR THE PREPARATION OF FERRO-ELECTRIC PSEUDO (OR IMPROPER) FERRO-ELECTRIC SUBSTRATED PHOSPHORS SENSITIVE TO INFRA-RED LIGHT

Applicant DR KOTCHERLAKOTA LAKSHMI NARAYANA, PHYSICS DEPARTMENT, SHIVAJI UNIVERSITY, KOLHAPUR MAHARASHTRA, INDIA

Application No 186/Bom/1983 filed on June 4, 1983

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch

5 Claims

Process for the preparation of Ferro-Electric and Pseudo (or improper) Ferro-Electric substrated phosphors sensitive to Infra-Red light comprises mixing of cotton seed oil incorporating with at least one of the oxides of Barium Lead or Strontium and which in combination with Lead salts are fully mixed in Acetone, or in aqueous media to form the base vehicle that is additionally incorporated with at least one of the activator such as Cobalt, Titanium, Lithium, Chromium and Strontium and coactivated appropriately by at least one of the elements Cerium, Europium, or Selenium in the said mixture to enhance and broaden the photo-conductivity and photo-voltaic effect of said phosphor in response to excitation by Infra-Red light and further admixing a known binder and drier in the said mixture, to achieve the chemical adhesion of the photo-voltaic and photo-conductive material to the substrated Ferro-Electric and Pseudo (or Improper) Ferro-Electric Substance wherein the precipitation of the said phosphor and coprecipitation of the substrate is achieved by cooling to room temperature, that constitutes as a surfacial deposition over the Ferro-Electric and Pseudo (or Improper) Ferro-Electric material substrate

Compl Specn 12 pages

Drgs Nil

CLASS 107 G

156948

Int Cl F01n—3/10

ANTI-POLLUTION REACTION DEVICE FOR USE IN INTERNAL COMBUSTION ENGINE

Applicant & Inventor DR IQBAL KRISHNA BHARATI, E/80 NORTH BOMBAY CO OPERATIVE HOUSING SOCIETY, JUHU BOMBAY-400 049, INDIA

Application No 256/Bom/1983 filed on Aug 19, 1983

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch

8 Claims

An anti-pollution reactor device for removal of pollutants from exhaust gas emissions of an internal combustion engine, said reactor device comprising

- a tubular exhaust gas expansion chamber,
- a front closure member for said expansion chamber,
- a rear closure member for said expansion chamber;

said front closure member being provided with an opening adapted for introducing and locating an exhaust gas diffuser barrel extending longitudinally and axially within said expansion chamber,

said exhaust gas diffuser barrel being adapted for connection to exhaust gas emission source of an internal combustion engine;

said exhaust gas diffuser barrel being provided with a plurality of discrete openings for diffusion and expansion of exhaust gas emissions solely within said expansion chamber;

at least one air intake tubular member introduced longitudinally through the front closure member,

said air intake tubular member being disposed within an exhaust gas tubular discharge member in coaxially spaced apart relationship thereto such that the space therebetween forms a low pressure zone, said exhaust gas tubular discharge member extending longitudinally and projecting out through an opening provided in said rear closure member,

said air intake tubular member with its corresponding exhaust gas tubular discharge member being disposed adjacent the gas exhaust diffuser barrel so that the exhaust gas emissions entering the diffuser barrel is expanded within the expansion chamber and drawn into said exhaust gas tubular discharge member while reacting with air drawn through said air intake tubular member to form substantially non-polluting emissions of the exhaust gases

Compl Specn 10 pages

Drg 1 sheet

CLASS 53 C

156949

Int Cl B62m 25/00

A VARIABLE SPEED TRANSMISSION FOR A VEHICLE AND PARTICULARLY FOR A BICYCLE

Applicant & Inventors TREVOR LEE HARRIS WALES ALBERT HARTMAN OF 577 VICTORIA ST APT 2, L COSTA MESA CALIFORNIA, UNITED STATES OF AMERICA AND 1945 PLACENTIA UNIT F COSTA MESA, CALIFORNIA UNITED STATES OF AMERICA

Application No 1677/Cal/75 filed on August 30, 1975

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

23 Claims

A variable speed transmission for a vehicle and particularly for a bicycle adapted to move along a supporting surface comprising a hub adapted to be centrally mounted in a wheel of the vehicle, first means cooperable with the hub for mounting the wheel on a frame of a vehicle for rotational movement relative to the frame about a first rotational axis, an inner rotatable member at least partially within said hub cantilevered in fashion whereby a length of the inner rotatable member is unsupported from said second mounting means through a first end of the inner rotatable member, said second means mounting said inner rotatable member for rotational movement about a second rotational axis which is parallel to said first rotational axis, said inner rotatable member and said hub being relatively movable to permit adjustment of the distance between the first and second rotational axes at least a portion of said length of said inner rotatable member being within said hub first drive means including at least one one-way clutch and at least one drive element for drivingly coupling said length of said inner rotatable member to said hub said one way clutch and said drive element being within said hub said drive element being drivable along a path which circumscribes the inner rotatable member; second drive means for drivingly rotating at least one of said hub and said inner rotatable member and means for adjusting the distance between said rotational axes whereby the drive ratio between said hub and said inner rotatable member can be varied

Compl Specn 27 pages

Drgs 3 sheets

CLASS 32 E 34-C, 70-A

156950

Int Cl B01k 1/00 C08j 1/34

A MEMBRANE WHICH IS IMPERMEABLE TO HYDRAULIC FLOW OF FLUID

Applicant E I DU PONT DE NEMOURS AND COMPANY AT WILMINGTON DELAWARE, UNITED STATES OF AMERICA

Inventors : 1. THOMAS CHARLES BISSOT, 2. WALTER GUSTAV GROT, 3. PAUL RAPHAEL RESNICK.

Application No. 47/Cal/82 filed January 12, 1982.

Application No. 47/Cal/82 filed on January 12, 1982.
Patents Rules, 1972) Patent Office, Calcutta.

25 Claims

A membrane which is impermeable to hydraulic flow of liquid, which comprises at least two layers of fluorinated polymer which have -COOR and/or -SO₂W functional groups, where R is lower alkyl and W is F or Cl, adjacent said layers being in adherent contact with one another, and a web of support material embedded therein, there being at least a first said layer which has -COOR functional groups and a second said layer which has -SO₂W functional groups, the total thickness of said at least two layers of fluorinated polymer used in preparation of said membrane being in the range of about 50 to 250 microns, said web of support material having a thickness of about 25 to 125 microns and consisting of both reinforcing members and sacrificial members and wherein the said membrane when desired comprises a gas and liquid permeable porous layer on at least one surface thereof.

mpi. Specn. 45 pages.

Drgs. 1 sheet.

CLASS : 39-I.

156951

Int. Cl. : C 01 b 21/46; C 01 f 11/44.

PROCESS FOR THE DIGESTION OF PHOSPHATE ROCK WITH NITRIC ACID AND SEPARATION OF CALCIUM NITRATE FORMED.

Applicant : UNIE VAN KUNSMESTFABRIEKEN B.V., OF MALIEBAAN 81, UTRECHT, THE NETHERLANDS.

Inventors : 1. MARCELLINUS ALOYSIUS TANKE, 2. MATHEUS HUBERTUS GERARDUS JENNEKENS.

Application No. 867/Cal/82 filed on July 27, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Process for the digestion of phosphate rock with nitric acid in which calcium nitrate is crystallized from the formed digestion liquid by cooling, the crystals formed are separated from the mother liquor and washed with cooled nitric acid, this process being characterised in that the mother liquor and the nitric acid wash liquid obtained from the separation step are successively filtered over one filter, so that the filter cake obtained from the mother liquor is washed by the nitric acid wash liquid, and the wash liquid filtrate obtained is returned to the phosphate rock digestion.

Compl. Specn. 10 pages.

Drgs. Nil.

OPPOSITION PROCEEDINGS

An opposition has been entered by Lakhanpal National Limited to the grant of a patent on application No. 153169 made by Union Carbide India Limited as notified in the Gazette of India, Part-III, Section 2 dated the 19th January, 1985 has been withdrawn and ordered that the application for patent to be sealed.

PATENTS SEALED

(1)

151302 153166 153723 153874 153882 153893 153943 153945
154055 154056 154073 154163 154164 154177 154178 154181
154187 154191 154192 154247 154274 154282 154298 154313
154314 154322 154359 154360 154364 154407 154412 154421
154431 154457 154459 154470 154471 154494 154497 154499

(2)

153947 154008 154123 154203 154204 154205 154206 154208
154215 154225 154232 154254 154267 154273 154319 154353
154354 154355 154356 154427 154429 154456 154532 154535
154591 154601 154606 154643 154686 154687 154688 153699
154710 154712 154713 154726

(3)

154520 154536 154537 154545 154549 154552 154560 154564
154565 154569 154576 154580 154595 154598 154600 154629
154630 154632 154640 154642 154647 154655 154661 154665
154666 154667 154668 154669 154670 154671 154684 154689
154691 154693 154694 154695 154698 154716 154730 154762
154767 154844 155107

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Patent Office, Calcutta and its branches at Bombay, Madras and New Delhi at two rupees per copy :—

(1)

145626 145628 145630 145632 145633 145634 145640 145641
145642 145643 145644 145652 145656 145657 145658 145659
145672 145673 145674

(2)

145678 145679 145683 145685 145686 145687 145688 145690
145691 145695 145696 145698 145699 145701 145703 145708
145711 145715 145717 145718

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Bau-Und Forschungsgesellschaft Thermoform A.G., of Ryf 50, Murten/Fribourg, Switzerland, a Swiss Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their patent application No. 153197 for "Pulping of lignocellulose with aqueous methanol/catalyst mixture." The amendment are by way of explanation, correction and disclaimer. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said.

(2)

The amendments proposed by "Gutehoffnungshutte Sterkrade Aktiengesellschaft" in respect of Patent Application No. 153520 as advertised in Part III, Section 2 of the Gazette of India dated the 29th June, 1985 have been allowed.

RENEWAL FEES PAID

136398 136807 136945 137294 137391 137843 137860 138088
138463 139161 139812 140003 140203 141013 141655 141687
142312 142474 142989 143505 143637 143989 143992 145909
146101 146414 146540 146798 146854 147146 147887 149087
149138 149228 149704 149997 150374 150764 150765 150998
151110 151427 151530 151955 152572 152767 152778 152779
153014 153015 153142 153270 153271 153297 153339 153409
153849 153894 154035 154167 154214 154220 154348 154432
154433 154523

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of a patent No. 134835 dated the 4th March, 1972 made by Council of Scientific & Industrial Research on the 2nd March, 1983 and notified in the Gazette of India, Part-III, Section 2, dated the 2nd July, 1983 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 155453. Abdul Aziz Rathod, an Indian Citizen 16 Navroji Hill Road, Dongri Bombay-400 009, Maharashtra, India. "A Rat Trap". 3rd March, 1985.

Class. 1. No. 155540. Afco Industrial & Chemicals Limited, Incorporated in India, 9 Wallace Street, Fort, City of Bombay-400 001, State of Maharashtra, India. "Electronic Component". 30th March, 1985.

Class. 3. No. 155564. The Gillette Company, a corporation organized under the laws of the State of Delaware, United States of America, of Prudential Tower Building Boston, State of Massachusetts, United States of America. "a Shaving Cartridge For A Razor". 6th April, 1985.

Class. 3. No. 155324. Sinter Plast Containers, Plastics Division of The Bharat Vijay Mills Ltd., Kalol (N.G.), Pin : 382721, Gujarat State, India. "Container". 24th January, 1985.

Class. 3. No. 155790. Hindustan Vacuum Glass Limited, Sanskrit Bhawan, Jhandewalan, New Delhi (a company incorporated under the Indian Companies Act). "Vacuum Flask (Thermos)".

Class. 3. Nos. 155299, 155300, 155301, 155302, 155303, 155304, 155305. Brahma Bharati Udyog, an Indian Partnership Firm, carrying on business at Green House, 2nd Floor, Green Street, Fort, Bombay-400 023, Maharashtra, India. "CUP". 14th January, 1985.

Class. 12. No. 156220. Dr. Navrajan Kukreja, A-9, Rana Pratap Bagh, Delhi-110 007. "Photo Album Box". 7th November, 1985.

Class. 12. No. 156221. Dr. Navrajan Kukreja A-9, Rana Pratap Bagh, Delhi-110 007. "Photo Album". 7th November, 1985.

Extn. of Copyright for the Second period of five years.

Nos. 150091, 155227, 155228, 155229.....Class-3.

Extn. of Copyright for the Third period of five years

Nos. 153510, 155227, 155228, 155229, 143744.....Class-3.

R. A. ACHARYA
Controller General of Patents, Designs
and Trade Marks